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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 7447
Disciplina	006.312
Soggetti	Data mining Database management Information storage and retrieval Application software User interfaces (Computer systems) Artificial intelligence Data Mining and Knowledge Discovery Database Management Information Storage and Retrieval Information Systems Applications (incl. Internet) User Interfaces and Human Computer Interaction Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	International conference proceedings.
Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Consistent Query Answering Using Relational Databases through Argumentation -- Analytics-Driven Lossless Data Compression for Rapid In-situ Indexing, Storing, and Querying -- Prediction of Web User Behavior by Discovering Temporal Relational Rules from Web Log Data -- A Hybrid Approach to Text Categorization Applied to Semantic Annotation.- An Unsupervised Framework for Topological Relations Extraction from Geographic Documents -- Combination of Machine-Learning Algorithms for Fault Prediction in High-Precision Foundries --

A Framework for Conditioning Uncertain Relational Data -- Cause Analysis of New Incidents by Using Failure Knowledge Database -- Modeling and Querying Context-Aware Personal Information Spaces -- Ontology-Based Recommendation Algorithms for Personalized Education -- Towards Quantitative Constraints Ranking in Data Clustering -- A Topic-Oriented Analysis of Information Diffusion in a Blogosphere -- Trip Tweets Search by Considering Spatio-temporal Continuity of User Behavior -- Incremental Cosine Computations for Search and Exploration of Tag Spaces -- Impression-Aware Video Stream Retrieval System with Temporal Color-Sentiment Analysis and Visualization -- Dynamic Workload-Based Partitioning for Large-Scale Databases -- Dynamic Vertical Partitioning of Multimedia Databases Using Active Rules -- RTDW-bench: Benchmark for Testing Refreshing Performance of Real-Time Data Warehouse -- Middleware and Language for Sensor Streams -- Statistical Analysis of the owl:sameAs Network for Aligning Concepts in the Linking Open Data Cloud -- Paragraph Tables: A Storage Scheme Based on RDF Document Structure -- Continuously Mining Sliding Window Trend Clusters in a Sensor Network -- Generic Subsequence Matching Framework: Modularity, Flexibility, Efficiency -- R-Proxy Framework for In-DB Data-Parallel Analytics -- View Selection under Multiple Resource Constraints in a Distributed Context -- The Impact of Modes of Mediation on the Web Retrieval Process -- Querying a Semi-automated Data Integration System -- A New Approach for Date Sharing and Recommendation in Social Web -- A Framework for Time-Aware Recommendations -- A Hybrid Time-Series Link Prediction Framework for Large Social Network -- A Comparison of Top-k Temporal Keyword Querying over Versioned Text Collections -- An Efficient SQL Rewrite Approach for Temporal Coalescing in the Teradata RDBMS -- HIP: Information Passing for Optimizing Join-Intensive Data Processing Workloads on Hadoop -- All-Visible-k-Nearest-Neighbor Queries -- Algorithm for Term Linearizations of Aggregate Queries with Comparisons -- Evaluating Skyline Queries on Spatial Web Objects.- Alternative Query Optimization for Workload Management -- Online Top-k Similar Time-Lagged Pattern Pair Search in Multiple Time Series.- Improving the Performance for the Range Search on Metric Spaces Using a Multi-GPU Platform -- A Scheme of Fragment-Based Faceted Image Search -- Indexing Metric Spaces with Nested Forests -- Navigating in Complex Business Processes -- Combining Information and Activities in Business Processes -- Opinion Extraction Applied to Criteria -- SocioPath: Bridging the Gap between Digital and Social Worlds.- Detecting Privacy Violations in Multiple Views Publishing -- Anomaly Discovery and Resolution in MySQL Access Control Policies. .

Sommario/riassunto

This two volume set LNCS 7446 and LNCS 7447 constitutes the refereed proceedings of the 23rd International Conference on Database and Expert Systems Applications, DEXA 2012, held in Vienna, Austria, September 3-6, 2012. The 49 revised full papers presented together with 37 short papers and 2 keynote talks were carefully reviewed and selected from 179 submissions. These papers discuss a range of topics including: database query processing, in particular XML queries; labelling of XML documents; computational efficiency, data extraction; personalization, preferences, and ranking; security and privacy; database schema evaluation and evolution; semantic Web; privacy and provenance; data mining; data streaming; distributed systems; searching and query answering; structuring, compression and optimization; failure, fault analysis, and uncertainty; predication, extraction, and annotation; ranking and personalisation; database partitioning and performance measurement; recommendation and

prediction systems; business processes; social networking.
